
CIS066-62Z, SPRING 2015

Introduction to Data Communications and Networking

Professor: Behrouz Forouzan *Call #: 00491* *Units: 5*

1. GENERAL INFORMATION

Distance Learning Center

Table 1 gives you the information for contacting Distance Learning Center:

Table 1 *Information about Distance Learning Center*

<p>DLC Office: MLC-250 Phone: (408) 864-8969 Site: http://deanza.edu/distance Office Hours: Monday. to Thursday, 8:30 AM to 6:00 PM; Friday: 9:00 to 4:00 PM</p>

Professor

Table 2 gives the information you need to know about your professor:

Table 2 *Information about your professor*

<p>Name: Behrouz Forouzan Office Hours: On line (by email) April 6 to June 22 Email: forouzanbehrouz@fhda.edu Home Page: http://faculty.deanza.edu/forouzanbehrouz/</p>

Course Description

An introduction to the concepts of telecommunications, data communications, and networks.

Objectives

After completing the readings and written assignments, and viewing the lessons, you should be able to:

- a. identify major applications of networking,

- b. describe the networking equipment,
- c. and learn about data communication protocols.

Prerequisite

EWRT 100B and READ 91 (or LART 100), or ESL 4 advised.

Some Important Dates

Table 3 gives you some important dates that needed to be remembered. Please double-check them at the college site.

Table 3 *Some Important Dates*

First day of the Spring Quarter: Monday, April 6
Last day to add (if space available): Saturday, April 18
Last day to drop and receive a refund: Sunday, April 19
Last day to drop with no record of grade: Sunday, April 19
Last day to request a Pass/No Pass grade: Friday, May 1
Last day to drop with a “w” grade: Friday, May 29
Note: Please double check the above dates with the college or administration. Also check the administration for the last day to receive a refund if you are not a resident student.

Online Tutoring Service

De Anza College will provide all registered students with online tutoring service through Smarthinking. Online tutoring will be available in a wide variety of subjects, 24 by 7, to supplement on-campus tutoring that Student Success Center provides. Information is available at

<http://www.deanza.edu/studentssuccess/onlinetutoring.html>

Check the availability of online tutoring for this class at the above site.

2. REQUIREMENTS

The following is the minimum requirements for the course:

1. Do on-line orientation and be sure to have an email address (see Table 4).
2. Obtain the textbook (see Table 5).
3. Be prepared to spend a minimum of 10 hours per week using and studying the materials.
4. View videos.
5. Read the corresponding chapters in the textbook (see Table 11)
6. Pass the midterm and the final examination (see Table 7).

3. ORIENTATION AND E-MAIL

On-Line Orientation

Do the orientation on line. The information is given in Table 4.

Table 4 *On-Line Orientation*

Site: <http://deanza.edu/distance/oo.html?t=199>

Deadline: Submit the Student Information Form by 12 noon on **Friday, April 10**

Note that the Information Form to submit is at the end of the orientation. Registered students who do not complete the online orientation by the deadline may be dropped from the course.

E-mail Address

Be sure you have a valid e-mail address on record with De Anza.

4. DROP POLICY

I have to drop those students who did not participate in the course on the census day (announced later). One indication of participation is to do one-line orientation (see Section 3).

After the census day, dropping is your responsibility. If you do not drop yourself, it means that you want to stay in the course. In this case, an appropriate grade (A, B, C, D, or F) will be assigned to you at the end of the quarter. See Table 3 for information.

5. COURSE MATERIALS

The following course materials are required for the course: the textbook and a calculator.

Textbook

Table 5 show the required textbook for the course. The textbook is available at De Anza Bookstore (and some other ones). It is also available on-line.

Table 5 *Textbook*

Book: *Data Communications and Networking, Fifth Edition*

Author: Behrouz Forouzan

Publisher: McGraw-Hill, Inc.

ISBN: 0-07-337672-1

Note: Although the video lessons may mention other versions of the book, the book for this course is the **5th Edition**. Video lessons are only to help to understand some concepts. The course is based on the current version of the book.

Calculator

You may need a calculator when practicing or taking the tests.

6. VIDEOS

The course includes 12 video lessons. The video lessons are companions to the text-book, but there may not be a one-to-one relation between the lessons in the two. There are several options for viewing these videos as described below.

Viewing at De Anza

View the videos in the Library West Computer Lab at De Anza College.

Checking Out

Check out videos from the Library West Computer Lab to view overnight at home. If you choose this option, please pay attention to the following:

- a. SMART DASB Card required. The Smart Card Office is located in the lower level of Hinson Campus (408-864-5551).
- b. One DVD at a time may be checked out for 48 hours, no renewals.
- c. Return DVDs to the Library West Computer Lab or in the drop box outside of Learning Center West (please report any DVD technical problems).
- d. Late fines: \$0.25/day (maximum fine-\$12.00); replacement/lost DVD charge: \$25.00/DVD.

Video Streaming

The video lessons are also available by videostreaming. A high speed Internet connection is needed to view the videostreams. If you are connecting from home, this generally means a cable modem or DSL connection. To access the streams, go to the Catalyst web site at

<https://catalyst.deanza.edu>

and log into the site by following the instructions below. You will not be able to login until the first day of instruction. Once you've logged in, click on your course. The links to the videostreams, instructions and FAQ tips and troubleshooting are on this page.

Quick Login Instructions

You need user-name and password for login:

- Username:** Your De Anza College Student ID (**not your social security number**).
- Password:** Your Birthday in this format: MMDDYYYY (Two-digit month, followed by two-digit day, and followed by four-digit year; no slashes or spaces.)

Technical Support

For technical help with Catalyst (Moodle), please visit the links to FAQ on Catalyst site

<http://catalysthelp.deanza.edu/?p=faq>

Login information and request for password can also be located from catalyst site

<https://catalyst.deanza.edu>

If your question or issue is not covered in the FAQ, go to

<http://catalysthelp.deanza.edu>

where you will be able to submit a tech help request. Please note that Catalyst is De Anza's branding of Moodle software.

QuickTime Download

Videos are streamed using QuickTime. For a free download of the QuickTime software and to test your computer go to the following web site:

http://catalysthelp.deanza.edu/?p=faq&recid=7#this_question

Congestion

The quality of the videostream can be affected by Internet congestion on the De Anza Campus or network congestion with your Internet service provider.

Please report any problem related to video lessons to the Distance Learning Center. Your professor has no control over lessons.

7. READING ASSIGNMENTS

To receive knowledge about the course, follow the steps below:

1. Read chapters 1-17 (inclusive) of the textbook.
2. Review the End-Chapter Material section at the end of Chapters 1-17.
3. Do the quizzes, questions, and problems mentioned at the Practice-Set section for chapters 1-17.
4. Do lab assignments and run applets mentioned at the Simulation-Experiment section (if applicable).

Table 6

**You find the answer to odd-numbered questions
at the book website.**

**Please do not ask for answer to even-numbered questions;
they are not available. You need to trust yourself in this case.**

8. TESTS

One midterm test and one final examination will be given during the term. Absolutely no make-up tests.

Midterm Test

Carefully note the information in Table 7 about the midterm. The test day is Tuesday May 19, but I post it the previous evening to be ready for that day.

Table 7 *Midterm test (take-home project)*

Available: **Monday, May 18, after 6 PM, at the professor's site**

Due: **Tuesday, May 19, before 6 PM**

Delivery: E-mail the answers to your professor (**forouzanbehrouz@fhda.edu**)

Chapters: First midterm test covers chapters 1, 2, 3, 4, 5, 6, 7, and 8.

Points: The test is worth 100 points.

Final Examination

Carefully read information provided in Table 8 about the final examination. The test day is Tuesday June 23, but I post it the previous evening to be ready for that day.

Table 8 *Final Examination*

Available: **Monday, June 22, after 6 PM, at the professor's site**

Due: **Tuesday, June 23, before 6 PM**

Delivery: E-mail the answers to your professor (**forouzanbehrouz@fhda.edu**)

Chapters: **All** chapters in Table 11 with emphasis on Chapters 9 to 17 (inclusive)

Points: The test is worth 150 points.

Note to students with disabilities

If you have a disability-related need for reasonable academic accommodations or services in this course, provide (name of Instructor) with a Test Accommodation Verification Form (also known as a TAV form) from Disability Support Services (DSS) or the Educational Diagnostic Center (EDC). Students are expected to give five days notice of the need for accommodations. Students with disabilities can obtain a TAV form from their DSS counselor (864-8753 DSS main number) or EDC advisor (864-8839 EDC main number).

9. GRADING

One midterm test and one final examination will be given during the term.

Points

Students can obtain the points for each activity as listed in Table 9.

Table 9 *Points*

<i>Activity</i>	<i>Subtotal Points</i>
Midterm test	100
Final examination	150
Total Points	250

Final Grade

The final grade is based on the points obtained according to Table 10 (no plus or minus grading):

Table 10 *Grades*

<i>Percentage of Total Points</i>	<i>Grades</i>	<i>Percentage of Total Points</i>	<i>Grades</i>
90% to 100%	A	60% to 69%	D
80% to 89%	B	0% to 59%	F
70% to 79%	C		

Incomplete

Title 5 of the Education Code defines the “I” grade as “Incomplete academic work. To be eligible to receive an “I” grade you must obtain the instructor's agreement and sign an Incomplete Contract form.

Academic Integrity:

The De Anza College Schedule of Classes, in the section titled, “Academic Integrity” states that “the submission of work which is not the product of a student's personal effort, or work which in some way circumvents the given rules or regulations will not be tolerated.” Based on this statement, copying another person's work, is an infraction of academic integrity and may result in a failing grade.

10. STUDYING EACH WEEK'S ASSIGNMENTS

The course content comes from the readings. Table 11 shows each week activity. Note that the contents of the textbook (4th edition) and video lessons do not match exactly. The book has been revised. Watch the videos for general information, but read the con-

tents of each chapter carefully. **You are responsible for chapters 1 to 17 (inclusive) of the book.**

Table 11 *Weekly activities*

Week	Reading	Videos	Tests
I <i>April 06 – April 12</i>	Chapters 1, 2	Lesson 1	
II <i>April 13 – April 19</i>	Chapters 3, 4	Lesson 2	
III <i>April 20 – April 26</i>	Chapters 4, 5	Lesson 3	
IV <i>April 27 – May 03</i>	Chapters 5, 6	Lesson 4	
V <i>May 04 – May 10</i>	Chapters 7, 8	Lesson 5	
VI <i>May 11 – May 17</i>	Chapters 9, 10	Lesson 6	
VII <i>May 18– May 24</i>	Chapters 11, 12	Lesson 7	Midterm May 19
VIII <i>May 25– May 31</i>	Chapter 13, 14	Lesson 8	
IX <i>June 01– June 07</i>	Chapter 14, 15	Lesson 9	
X <i>June 08– June 14</i>	Chapters 16, 17	Lessons 10	
XI <i>June 15– June 21</i>	Review	Lessons 11, 12	
XII <i>June 22– June 28</i>	Review for final	Review no new lesson	Final Examination June 23